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GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: November 9, 2002, 02:44:21 ; Search time 89 Seconds
(without alignments)
2272.221 Million cell updates/sec

Title: US-09-895-298A-32_COPY_63_632
Perfect score: 570
Sequence: 1 atgatgaattccagctcc.....aagaagtaatccaaggcc 570

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 320260 segs, 177392727 residues

Total number of hits satisfying chosen parameters: 640520

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_NA:*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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- 11: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
- 12: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:*
- 13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
- 14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	105.4	18.5	454	10 US-09-864-761-11449	Sequence 11449, A
2	94	16.5	94	10 US-09-864-761-28040	Sequence 28040, A
3	36.4	6.4	7032	10 US-09-764-847-1429	Sequence 1429, Ap
4	35.8	6.3	1312	9 US-09-981-353-62	Sequence 62, Appl
5	35.8	6.3	1354	10 US-09-864-711-8	Sequence 8, Appl
6	35.8	6.3	1410	10 US-09-925-299-67	Sequence 67, Appl
7	35.2	6.2	1011	9 US-09-938-842A-1719	Sequence 1719, Ap
8	34.4	6.0	2522	10 US-09-745-763-114	Sequence 114, App
9	34.2	6.0	329	10 US-09-730-617-65	Sequence 65, Appl
10	34.2	6.0	520	10 US-09-730-617-9	Sequence 9, Appl
11	34.2	6.0	585	10 US-09-976-472-1	Sequence 1, Appl
12	34	6.0	292	10 US-09-964-824A-424	Sequence 424, App
13	34	6.0	292	10 US-09-880-107-411	Sequence 411, App
14	34	6.0	3433	12 US-10-044-090-240	Sequence 240, App
15	34	6.0	3443	10 US-09-886-683A-3	Sequence 3, Appl
16	34	6.0	3483	12 US-10-105-929-3	Sequence 3, Appl
17	33.4	5.9	173808	10 US-10-003-806-10	Sequence 10, Appl
18	33	5.8	396	12 US-09-825-294-94	Sequence 94, Appl
19	33	5.8	148567	10 US-09-801-876B-3	Sequence 3, Appl

20	32.8	5.8	282	10 US-09-922-261-205	Sequence 205, App
21	32.8	5.8	306	10 US-09-922-261-203	Sequence 203, App
22	32.8	5.8	696	10 US-09-922-261-193	Sequence 193, App
23	32.8	5.8	699	10 US-09-922-261-191	Sequence 191, App
24	32.8	5.8	717	10 US-09-922-261-189	Sequence 189, App
25	32.8	5.8	774	10 US-09-922-261-187	Sequence 187, App
26	32.8	5.8	819	10 US-09-922-261-185	Sequence 185, App
27	32.8	5.8	1659	10 US-09-922-261-184	Sequence 184, App
28	32.6	5.7	392	10 US-09-960-352-8334	Sequence 8334, App
29	32.4	5.7	517	10 US-09-920-300A-644	Sequence 644, App
30	32.4	5.7	517	12 US-10-033-528-644	Sequence 644, App
31	32.4	5.7	975	10 US-09-886-055-430	Sequence 430, App
32	32.4	5.7	1301	10 US-09-880-107-3752	Sequence 3752, App
33	32.2	5.6	9163	9 US-09-938-842A-1087	Sequence 1087, App
34	32	5.6	204	10 US-09-864-761-21008	Sequence 21008, A
35	32	5.6	474	10 US-09-864-761-4255	Sequence 4255, App
36	31.8	5.6	4252	10 US-09-729-674-41	Sequence 41, Appl
37	31.6	5.5	557	9 US-10-046-935-2145	Sequence 2145, App
38	31.6	5.5	34446	10 US-09-871-212-1	Sequence 1, Appl
39	31.4	5.5	787	10 US-09-070-927A-580	Sequence 580, App
40	31.4	5.5	30352	10 US-09-764-869-1768	Sequence 1768, App
41	31.2	5.5	1105	10 US-09-765-272-75	Sequence 75, Appl
42	31.2	5.5	1642	9 US-09-938-842A-4482	Sequence 4482, App
43	31	5.4	373	10 US-09-867-701-6339	Sequence 6339, App
44	31	5.4	428	10 US-09-864-864-204	Sequence 204, App
45	31	5.4	10612	10 US-09-764-877-3311	Sequence 3311, App

ALIGNMENTS

RESULT 1
US-09-864-761-11449
; Sequence 11449, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aemica-X-1
; CURRENT APPLICATION NUMBER: US/09/864, 761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
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? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00662
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? PRIOR APPLICATION NUMBER: PCT/US01/00661
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: PCT/US01/00670
? PRIOR FILING DATE: 2001-01-30
? PRIOR APPLICATION NUMBER: US 60/234,687
? PRIOR FILING DATE: 2000-09-21
? PRIOR APPLICATION NUMBER: US 09/608,408
? PRIOR FILING DATE: 2000-06-30
? PRIOR APPLICATION NUMBER: US 09/774,203
? PRIOR FILING DATE: 2001-01-29
? NUMBER OF SEQ ID NOS: 49117
? SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
? SEQ ID NO 28040
? LENGTH: 94
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? OTHER INFORMATION: MAP TO AC003108.1
? OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.69

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OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.67
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.75
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.62

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; OTHER INFORMATION: NT HIT: AJ276505.1, EVALU 5.00e-02
; OTHER INFORMATION: EST_HUMAN HIT: AN582253.1, EVALU 5.00e-46
US-09-864-761-28040

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Query Match	16.5%;	Score 94;	DB 10;	Length 94;
Best Local Similarity	100.0%;	Pred. No. 3e-20;		
Matches 94;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0

Db 1 TAAATGTTCTCGATAGAAAAATTGATCAGCTGCAGATATGGAGAGAAACCAACC 60

QY 450 CAGCTCACC TTGTTCTGGAAGGAGAGAGTGCAG 483
|||||
Db 61 CAGCTCACC TTGTTCTGGAAGGAGAGAGTGCAG 94
|||||

RESULT 3
US-09-764-847-1429/C
Sequence 1429, Application US/09764847

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Patent No. US20020132767A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC009
CURRENT APPLICATION NUMBER: US/09/764,847
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 2003
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1429
LENGTH: 7032
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-847-1429

Query Match          6.4%; Score 36.4; DB 10; Length 7032;
Best Local Similarity 48.5%; Pred. No. 0.59;
Matches 100; Conservative 0; Mismatches 106; Indels 0; Gaps 0

OY      281 TCCTCACCCCTCATTTGTGCTAAATCAATCACCCTATCTTACTGGACAGATCCACAGGGAAGA 340
        ||||| |||| | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      3319 TCTCTCTCTCTCTCTTTTTTTTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 3260
        ||||| |||| | | | | | | | | | | | | | | | | | | | | | | | | | |
YY      341 AGATTATGATTAAGGCTGCTTCATGAGCAGATCATTAATGAGGGCGCAAGATTAATGTCTCC 400

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Db	3259	AAATATATGGC	CATCTT	AAAAATCT	AGCATCTT	ATATTTGGTT	AAATATATCG	ATTGGC	3200
QY	401	TGATGAAAAA	TTGCATCA	AGCTGC	AGGATAT	TGGAGAGA	AGCAAA	CCCCAGCT	CTCATTG 460
Db	3199	AGATGATAG	ACTGCACA	GAGAGAGA	GAGAGAGA	AGAAAAAG	AGACAC	AGATGAAA	AG 3140
QY	461	TTCTGGAAG	AGAGAGAG	GTGGAC	CAA 486				
Db	3139	GCAGAGACA	GAGGGGTG	AGGGAG	CAAA 3114				

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RESULT 4
US-09-981-353-62
; Sequence 62, Application US/09981353
; Patent No. US20020160382A1
; GENERAL INFORMATION:
; APPLICANT: Lasek, Amy W.
; APPLICANT: Jones, David A.
; TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
; FILE REFERENCE: PA-0038 US
; CURRENT APPLICATION NUMBER: US/09/981,353
; CURRENT FILING DATE: 2001-10-11
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PERL Program
; SEQ ID NO 62
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20020160382A1 1804734CB1
US-09-981-353-62

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[illegible]

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RESULT 5
US-09-864-711-8
; Sequence 8, Application US/09864711
; Patent No. US20020077309A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael G.
; APPLICANT: Volkmuth, Wayne
; APPLICANT: Klingler, Tod M.
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR PANCREATIC DISORDERS
; FILE REFERENCE: PB-0008-1 CIP
; CURRENT APPLICATION NUMBER: US/09/864,711
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PERL Program
; SEQ ID NO 8
; LENGTH: 1354
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: 2774542CB1
US-09-864-711-8

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[illegible]

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RESULT 6
US-09-925-299-67
; Sequence 67, Application US/09925299
; Patent No. US20020055627A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA102
; CURRENT APPLICATION NUMBER: US/09/925,299
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1556
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 67
; LENGTH: 1410
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-299-67

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Query Match	6.3%;	Score 35.8;	DB 10;	Length 1410;
Best Local Similarity	54.1%;	Pred. No. 0.33;		
Matches 73;	Conservative	0;	Mismatches 62;	Indels 0;
				Gaps 0;
QY 152	CTTTTCGAGGCTCTGCTCTCTTCATTCACCTCCATCTACAGCTGGATCGACACCCCTAAGTA	211		
Db 741	CTTTTGGACCTGCGGTGGTGGCCAAACCACTGGAACCTTCACCTGACTACTACGTGGCTGGGCC	800		
QY 212	CACGGCCCTGCGCTACCTGTGGGTGTGGATCTATCGGAACCTCATTTGGAAGTGTGCACT	271		
Db 801	CACCTCCTGGCTGGCCGTGCTGTGGAGCTGCTCATTTAGGTCTTCATTTGGAGATGGGAGA	860		
QY 272	TCCTTTTCATCTCTCA	286		
Db 861	CCCGCCTCATCTCTGA	875		

RESULT 7
 US-09-938-842A-1719
 ; Sequence 1719, Application US/09938842A
 ; Patent No. US20020160378A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Harper, Jeff
 ; APPLICANT: Kreps, Joel
 ; APPLICANT: Wang, Xun
 ; APPLICANT: Zhu, Tong
 ; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
 ; TITLE OF INVENTION: SAME, AND METHODS OF USE
 ; FILE REFERENCE: SCRIP1300-3
 ; CURRENT APPLICATION NUMBER: US/09/938, 842A
 ; CURRENT FILING DATE: 2001-08-24
 ; PRIOR APPLICATION NUMBER: US 60/227, 866
 ; PRIOR FILING DATE: 2000-08-24
 ; PRIOR APPLICATION NUMBER: US 60/264, 647

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; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/300,111
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 5379
; SEQ ID NO 1719
; LENGTH: 1011
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; US-09-938-842A-1719

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Query Match	6.2%;	Score 35.2;	DB 9;	Length 1011;
Best Local Similarity	51.2%;	Pred. No. 0.42;		
Matches	82;	Conservative	0;	Mismatches 78;
			Indels	0;
			Gaps	0

QY 263 GTGTGACCTCTTTTTCATCCTCACCCCTCATTTGTCTAATATCAACCATACTTACTGGC 322
||| ||| | | | | | | | | | |
Db 744 GTCTCCACTGGATTATTAAGACACCAGCTTACTTCGATTAACCATTTATTCATCAATCTGTT 803

QY 323 AGATCACAGAGGGAAGAAGATTATGATTAAGCGTGCTCATGAGCAGATCATTAATGAG 382
||| ||| | | | | | | | | | |
Db 804 AAGAGGAGAGGCTGTGTGATTTGCGATAACGTTCTGCTCAGAAAGATCATGAAGGAGA 863

QY 383 GCAAAGATTAANAATGTTCCCTGATAGAAAAAATTGATCAAGCT 422
| | | | | | | | | | | | | |
Db 864 GATCTTTTCAGAAAAGTTTGGGAATATGCAGTTAAACAAGAT 903

RESULT 8
US-09-745-763-114/c

GENERAL INFORMATION:

```

APPLICANT: Jacobs, Kenneth
McCoy, John M.
LaValle, Edward R.
Collins-Racle, Lisa A.
Evans, Cheryl
Merberg, David
Treacy, Maurice
Spaulding, Vikki
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
ENCODING THEM

```

NUMBER OF SEQUENCES: 219
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge

```

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;      COMPUTER READABLE FORM:
;
;      MEDIUM TYPE: Floppy disk
;
;      COMPUTER: IBM PC compatible
;
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;
;      SOFTWARE: PatentIn Release #1.0, Version #1.30
;

```

ATTORNEY/AGENT INFORMATION:
NAME: Sprunger, Suzanne A.
REGISTRATION NUMBER: 41,323
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8284
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 114:

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?
? SEQUENCE CHARACTERISTICS:
?   LENGTH: 2522 base pairs
?   TYPE: nucleic acid
?   STRANDEDNESS: double
?   TOPOLOGY: linear
? MOLECULE TYPE: cDNA
? SEQUENCE DESCRIPTION: SEQ ID NO: 114

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US-09-745-763-114

Query Match	6.0%;	Score 34.4;	DB 10;	Length 2522;
Best Local Similarity	65.8%;	Pred. No. 1.3;		
Matches 50;	Conservative 0;	Mismatches 26;	Indels 0;	Gaps 0;

46 ATGAGACCTTCTTCATCTCTTGCCTTTTCCACCTTACCGGGCTTGTGCACC 105
 || | ||| ||||| ||| | ||| | ||| | |||
 Db 2035 ATCTTATCTTCCTCATCTTCTTCCTCATCTTCTCTTCTTCATCTTCACTTCTTCATC 1976

QY	106	CTGGCATTACCATCT	121
Db	1975	CTCTTCATCCTCATCT	1960

RESULT 9
US-09-730-617-65
; Sequence 65, Application US/09730617
; Patent No. US20020068279A1

; GENERAL INFORMATION:

```

: APPLICANT: Burgess, Catherine E
: APPLICANT: Prayaga, Sudhidas K
: APPLICANT: Shinkets, Richard A
: APPLICANT: Rastelli, Luca
: APPLICANT: Zernusen, Bryan D
: APPLICANT: Mezes, Peter S
: TITLE OF INVENTION: No. US20020068279A1el Proteins and Nucleic Acids Encoding the
: FILE REFERENCE: 15966-609
: CURRENT APPLICATION NUMBER: US/09/730,617

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: CURRENT FILING DATE: 2000-12-05
: PRIOR APPLICATION NUMBER: 60/169,056
: PRIOR FILING DATE: 1999-12-06
: PRIOR APPLICATION NUMBER: 60/169,886
: PRIOR FILING DATE: 1999-12-09
: PRIOR APPLICATION NUMBER: 60/169,866
: PRIOR FILING DATE: 1999-12-09
: PRIOR APPLICATION NUMBER: 60/170,252
: PRIOR FILING DATE: 1999-12-10
: PRIOR APPLICATION NUMBER: 60/175,740
: PRIOR FILING DATE: 2000-01-12
: NUMBER OF SEQ ID NOS: 100
: SOFTWARE: PatentIn Ver. 2.1

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Query Match	6.0%;	Score 34.2;	DB 10;	Length 329;
Best Local Similarity	58.3%;	Pred. No. 0.42;		
Matches 60; Conservative	0;	Mismatches 43;	Indels 0;	Gaps 0;

Qy 376 AATGAGGGCAAAAGATAAATGTTCCTGATAGAAAAATTGANCAAGCTGCAGATATGGAG 435
| | | | | | | | | | | | | | | | | |
Db 103 ATTCAGGGCAAGCCTACTTTCACAGCTTAAGAAAAAATAATCATGAGCCTGTATCTGGAG 162

QY 436 AAGAAAGCAAAACCCAGCTCACTTGTTCGAAAGAGAGAGG 478
||||||| | | | | | | | | | |
Db 163 AAGAAAGCACAGAGCCCTTCTCTTTTCCACATTAAGAG 205

RESULT 10
US-09-730-617-9
; Sequence 9, Application US/09730617
; Patent No. US20020068279A1

; GENERAL INFORMATION:

; APPLICANT: Burgess, Catherine E
 ; APPLICANT: Pirayaga, Sudhirdas K
 ; APPLICANT: Shinkets, Richard A
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: Zernusen, Bryan D
 ; APPLICANT: Mezes, Peter S
 ; TITLE OF INVENTION: No. US20020068279A1e1 Proteins and Nucleic Acids Encoding the

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; FILE REFERENCE: 15966-609
; CURRENT APPLICATION NUMBER: US/09/730,617
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 60/169,056
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 60/169,886
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 60/170,252
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 60/175,740
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 9
; LENGTH: 520
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-730-617-9
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Best Local Similarity 58.3%; Pred. No. 0.56;
Matches 60; Conservative 0; Mismatches 43; Indels 0; Gaps 0;
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QY 376 AATGAGGGCAAGATAAATGTTCTGATAGAAAATGTATCAAGCTGCAGATATGAG 435
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DB 271 ATTCAGGGCAAGCCTACTTGTAGGAAAAAATATCATGAGCCTGTATGTGAG 330

QY 436 AAGAAAGCAAAACCCAGCTCAGTGTCTGGAAGAGAGAGG 478
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DB 331 AAGAAAGCAGAGAGCCCTTCTCTTTTCCACAATTAAGAG 373
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RESULT 11
US-09-976-472-1
; Sequence 1, Application US/09976472
; Patent No. US20020147310A1
; GENERAL INFORMATION:
; APPLICANT: SIMS, John E.
; APPLICANT: RENSCH, Blair R.
; TITLE OF INVENTION: IL-1 ETA DNA AND POLYPEPTIDES
; FILE REFERENCE: 2932-B
; CURRENT APPLICATION NUMBER: US/09/976,472
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: PCT/US00/14435
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 60/162,331
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 60/135,758
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 1
; LENGTH: 585
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (112)..(585)
; OTHER INFORMATION:
; US-09-976-472-1
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Query Match          6.0%; Score 34.2; DB 10; Length 585;
Best Local Similarity 58.3%; Pred. No. 0.61;
Matches 60; Conservative 0; Mismatches 43; Indels 0; Gaps 0;
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QY 376 AATGAGGGCAAGATAAATGTTCTGATAGAAAATGTATCAAGCTGCAGATATGAG 435
      | | | | | | | | | | | | | | | | | | | | | |
DB 343 ATTCAGGGCAAGCCTACTTGTAGGAAAAAATATCATGAGCCTGTATGTGAG 402

QY 436 AAGAAAGCAAAACCCAGCTCAGTGTCTGGAAGAGAGAGG 478
      | | | | | | | | | | | | | | | | | | | | | |
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DB 403 AAGAAAGCAGAGAGCCCTTCTCTTTTCCACAATTAAGAG 445
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RESULT 12
US-09-964-824A-424
; Sequence 424, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Sign
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964,824A
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236,033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,028
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: Patentln version 3.0
; SEQ ID NO 424
; LENGTH: 292
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(292)
; OTHER INFORMATION: n=a,t,g or c
; US-09-964-824A-424
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Query Match          6.0%; Score 34; DB 10; Length 292;
Best Local Similarity 54.9%; Pred. No. 0.45;
Matches 67; Conservative 0; Mismatches 55; Indels 0; Gaps 0;
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QY 172 TTCATTCACCTCATCTACAGCTGTGACACCCCTAGTACAGGCGCTGACTGCTG 231
      | | | | | | | | | | | | | | | | | | | | | |
DB 22 TTTATTTCTTCCATTTACATCTGTTTAGCCAGAAAGCATGGGCCATCTACTGAG 81

QY 232 GTTGTGGATCTATCGAACCCTCATTTGAAGTGTGCACTTCTTTTCATCTCACCCTC 291
      | | | | | | | | | | | | | | | | | | | | | |
DB 82 AAGATAAGACTCTCCTGAGAAATCTATTGCTTAGTGCACTCAATTTTACTTCACTGTCTC 141

QY 292 AT 293
      ||
DB 142 AT 143
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RESULT 13
US-09-880-107-411
; Sequence 411, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; CURRENT FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 411
; LENGTH: 292
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
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; OTHER INFORMATION: Genbank Accession No. US20020142981A1 AA194833
; NAME/KEY: unsure
; LOCATION: (1)..(292)
; OTHER INFORMATION: n - a o r c o r g o r t
US-09-880-107-411

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Query Match	6.08;	Score 34;	DB 10;	Length 292;
Best Local Similarity	54.98;	Pred. No. 0.45;		
Matches 67;	Conservative 0;	Mismatches 55;	Indels 0;	Gaps 0;

Qy 172 TTCATTCACTCCATCTACAGCTGGATGCACACCCTAAGTAAACGGCGCTTACTGTGG 231
|| ||| ||| ||| ||| ||| ||| ||| |||
Db 22 TTTATTCTTCACATTACATCTGTTTAGCCACAGAAAGCATTTGGGCATCTACATCGCAG 81

QY 232 GTTGTTCGATCTATCGGAACCTCATTTGGAGTGTGCACCTCTTTTTCATCTCACCCTC 291

DB 82 AAGATTAAGACTTCTCAGAAATCTTATTCGTTAGTGCACCTCAATTTTACTTCACATGCTC 141

Qy	292	AT	293
		11	
Db	142	AT	143

RESULT 14
US-10-044-090-240/c
; Sequence 240, Application US/10044090

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; GENERAL INFORMATION:
; APPLICANT: Olga Bandman
; TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION

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; CURRENT APPLICATION NUMBER: US/10/044,090
; CURRENT FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 850

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; SEQ ID NO 240
; LENGTH: 3433
; TYPE: DNA

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; FEATURE:
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; NAME/KEY: misc_feature
;
; OTHER INFORMATION: Incyte ID No. US20020137081A1 255957.9
;

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Query Match	6.08;	Score 34;	DB 12;	Length 3433;
Best Local Similarity	54.98;	Pred. No. 2.1;		
Matches 67; Conservative	0;	Mismatches 55;	Indels 0;	Gaps 0;

Oy 172 TTCATTCACCTCCATCTACAGCTGGATGACACCCTAAGTACACGGCGCCTACTGTGC 231
|| ||| ||| ||| ||| ||| ||| |||
Db 2906 TTTATTCTTCCCAATTACAICTGTTTAGCCACAGAAGCATTTGGGCCATACTCACGAC 284

Figure S2. Comparison of sequence between OY-172 and Db-2906.

Qy 232 GTTGTGGATCTATCGGAACCTCAATTGAGTGTCACCTCTTTTTCATCCTCACCCCTC 291
| | | | | | | | | | | | | | | | | |
Db 2846 AAGATAAGACTTCCTCAGATCTTAATTCGTTTAGTCACCTCAATTTACTTCACACTGCCTC 2787

QY	292	AT	293
Db	2786	AT	2785

RESULT 15
US-09-886-683A-3/C
; Sequence 3, Application US/09886683A
; Patent No. US20020150574A1

```

:
: APPLICANT: Mundigl, Olaf
: APPLICANT: Rueger, Petra
: TITLE OF INVENTION: Antibodies against SEMP1 (p23)
: FILE REFERENCE: Case 20692

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: CURRENT APPLICATION NUMBER: US/09/886,683A
: CURRENT FILING DATE: 2001-06-21
: PRIOR APPLICATION NUMBER: EPO0113344.6
: PRIOR FILING DATE: 2000-06-23
: PRIOR APPLICATION NUMBER: EPO1107799.7
: PRIOR FILING DATE: 2001-04-05
: NUMBER OF SEQ ID NOS: 4
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 3
: LENGTH: 3443
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (221)..(853)
: US-09-886-683A-3

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Query Match	6.0%;	Score 34;	DB 10;	Length 3443;
Best Local Similarity	54.9%;	Pred. No. 2.2;		
Matches 67;	Conservative 0;	Mismatches 55;	Indels 0;	Gaps 0;

Qy 172 TTCAATCAGCTGATGTACACCCCTAAGTAAACGGCGCTACTGTGG 231
|| ||| ||| ||| ||| ||| ||| ||| |||
Db 2904 TTTATTCTCCCATTAACATCTGTTAACCCACAGAAGCATGGGCCATACTACATGCAG 284

Qy 232 GTTGTGGATCTATCGGACCCCAATTGGAAGTGTCACCTCTTTTTCATCCTCACCCCTC 291
| | | | | | | | | | | | | | |
Db 2844 AAGATAAGACTTCCCTCAGAACTCTTAATTCGTTAAGTAGCACTCAATTTTACTTCACCTGCTC 2785

QY	292	AT	293
Db	2784	AT	2783

Search completed: November 9, 2002, 04:29:06
Job time : 98 secs